The Centers for Disease Control and Prevention determined that Construction workers incurred the most fatal injuries of any industry in the private sector. Construction workers maintain our nation’s physical infrastructure and build and repair our roads, houses and workplaces. This work includes hazardous tasks and conditions such as silica exposure, chemical hazards, falls, cranes as well as many others.

This program will provide current information on the leading causes of safety and health accidents and illnesses on construction projects, discuss the elements of safety culture and safety climate for construction projects, and describe the benefits of implementing interventions that improve safety and health on construction projects.

8:30  Registration/Coffee

8:45  Welcome – Roberto Lucchini, MD
      Icahn School of Medicine at Mount Sinai

Keynote Address

9:00  Construction Safety and Health Research: A NIOSH Perspective        Christine Branche, PhD, FACE
      CDC/NIOSH

9:45  Construction Safety
      David Michaels, PhD, MPH
      OSHA, Washington, DC

10:15 Break

10:30 Prevention through design: Sustainable Innovation in Safety Management        T. Michael Toole, PhD, PE
      Bucknell University

11:15 Improving Health and Safety in Construction: The Intersection of Programs and Policies, Work Organization, and Safety Climate        Emily Sparer, MS
      Harvard School of Public Health

11:45 Making the Business Case for Safety – the Return on Investment        Eileen Betit
      CPWR

12:15 Lunch (on your own)

1:30 Chemical Hazards in Construction        Scott Schneider, CIH
      LHSFNA

2:00 Silica Exposure/Standard        Frank Mirer, PhD, CIH
      CUNY School of Public Health

2:30 Ergonomics Research and Practice Issues in Construction        Bryan Buchholz, PhD
      University of Massachusetts Lowell

2:50 Global Construction Images        Michael Gochfeld, MD, PhD
      Rutgers RWJMS

3:10 Disproportionate Risks Faced by Immigrant Construction Workers        David Newman, MA, MS
      NYCOSH

3:30 Panel discussion: Construction Safety and Health        Robert Kulick
      OSHA
      Myles O’Malley, MA
      Rutgers SPH
      Philip Taylor, MS, CHMM, OHST, CHST
      STVINC

4:00 Evaluations

At the end of this program participants should be able to:
1. Identify leading causes of safety and health accidents and illnesses on construction projects;
2. Define the elements of safety culture and safety climate for construction projects;
3. List the benefits of incorporating “prevention by design” concepts into construction projects; and
4. Describe interventions that improve safety and health on construction projects